

Main.java



```
1 public class EncapsulationDemo{
2     private String empName;
3     //Getter and Setter methods
4     public String getEmpName(){
5         return empName;
6     }
7     public void setEmpName(String newValue){
8         empName = newValue;
9     }
10 }
11 public class EncapsTest{
12     public static void main(String args[]){
13         EncapsulationDemo obj = new EncapsulationDemo();
14         obj.setEmpName("Mario");
15         System.out.println("Employee Name: " + obj.getEmpName());
16     }
17 }
18 |
19
```

Main.java



```
1
2 public class Employee {
3     private String name;
4     private int age;
5     private double salary;
6     public String getName() {
7         return name;
8     }
9     public int getAge() {
10        return age;
11    }
12    public double getSalary() {
13        return salary;
14    }
15    public void setName(String name) {
16        this.name = name;
17    }
18    public void setAge(int age) {
19        this.age = age;
20    }
21    public void setSalary(double salary) {
22        this.salary = salary;
23    }
24 }
25
```

Main.java



```
1 public class Employee {  
2     private String name;  
3     private int age;  
4     private double salary;  
5     e(String name, int age, double salary) {  
6         this.name = name;  
7         this.age = age;  
8         this.salary = salary;  
9     }  
10    public String getName() {  
11        return name;  
12    }  
13    public int getAge() {  
14        return age;  
15    }  
16    public double getSalary() {  
17        return salary;  
18    }  
19 }
```

Main.java



```

1 public String getName() {
2     return name;
3 }
4 public double getBasicSalary() {
5     return basicSalary;
6 }
7 public double getBonus() {
8     return bonus;
9 }
10 public double calculateBonusAmount() {
11     return basicSalary + bonus;
12 }
13 }

```

Main.java



```

1 |
2 public class EmployeeTest {
3     public static void main(String[] args) {
4
5         Employee emp = new Employee("Bogdan", 50000, 10000);
6
7         System.out.println("Employee Name: " + emp.getName());
8         System.out.println("Basic Salary: " + emp.getBasicSalary());
9         System.out.println("Bonus: " + emp.getBonus());
10
11         calculateBonusAmount()
12         System.out.println("Bonus Amount: " + emp.calculateBonusAmount());
13     }
14 }

```